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October 7, 1955

Dr. Sofia Simmonds
Department of Biochemistry
Yale University
New Haven, Connecticut

Dear Topsy:

We will be happy to send you W-1975 and 1977 again. The cultures (to follow) are directly put ~~at~~ lyophil (having been put away in May 1952.) In fact, it would save us a mild chore if you could send back two or three lyophil tubes of them, since you are putting them away again yourself.

Actually, these are Esther's isolates, but as you know, we make a point to stick to Genetics, and are pleased to leave the chemistry to others.

Did we not send you W-1976 previously? W-1975 and W-1977 are one-step mutants; W-1976 is recorded as a serine (not-glycine auxotroph) that was obtained from W-1975, in a second step, in the course of a hunt for further mutations (on glycine-minimal). We haven't studied it genetically to learn whether there are two loci; probably it would not be too difficult to cross W-1976 by, say, W-6 S^r or W-1177, on minimal+sm+glycine, and replicate to minimal to see if any of the recombinants respond to glycine. But that's another problem.

We hope you will remember to send us reprints of your papers on these mutants. The latest we have now are about 1950.

Sincerely,

Joshua Lederberg
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